

Amendments to the Specification:

**Page 1**, immediately after the title of the invention, please insert the new heading:

BACKGROUND OF THE INVENTION

**Page 4**, immediately after the third paragraph, please insert the new heading:

SUMMARY OF THE INVENTION

**Page 7**, immediately after the fourth full paragraph, which begins "The M and N signals may be samples . . .", please insert the new heading:

BRIEF DESCRIPTION OF THE DRAWINGS

**Page 8**, immediately after the paragraph that begins "Figure 15 is a graph . . .", please insert the new heading:

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS